

Serial No. 07/983,848
Art Unit: 2507

4 said image pick-up apparatus having incorporated therein at least
5 an imaging device, a control circuit unit for the imaging device,
6 an optical system for focusing the image of the object to be
7 observed on the imaging device, and a light source means for
8 lighting the object to be observed, the optical system including
9 an objective lens and wherein the objective lens of said optical
10 system and said imaging device slide in interlock with each other
11 while satisfying the relation of $1/a + 1/b = 1/f$, where a is the
12 distance between the object to be observed and the objective
13 lens, b is the distance between the objective lens and the
14 imaging device, and f is the focal length of the objective
15 lens.--

1 --7. (New) A magnifying observation apparatus for
2 reproducing, on to a monitor display, an image of an object to be
3 observed which has been picked up by an image pick-up apparatus
4 said image pick-up apparatus having incorporated therein at
5 least an imaging device, a control circuit unit for the imaging
6 device, an optical system for focusing the image of the object to
7 be observed on the imaging device, and a light-source lamp for
8 lighting the object to be observed, wherein said light-source
9 lamp is formed as a lamp unit comprising a plurality of lamps
10 arranged in a predetermined state on a board in such a manner
11 that the entire lamp unit can be mounted to and removed from said
12 image pick-up apparatus.--

Serial No. 07/983,848
Art Unit: 2507

1 --8. (New) A magnifying observation apparatus according to
2 Claim 7, wherein a front end portion of said image pick-up
3 apparatus is bent sideways, and said imaging device is
4 incorporated in the image pick-up apparatus in such a manner that
5 a light receiving surface of the imaging device is orthogonal to
6 an optical axis of an image light which is incident from the
7 thus-bent front end portion of the image pick-up apparatus.--

1 --9. (New) A magnifying observation apparatus according to
2 Claim 7, wherein an objective lens of said optical system and
3 said imaging device slide in interlock with each other while
4 satisfying the relation of $1/a + 1/b = 1/f$, where a is the
5 distance between the object to be observed and the objective
6 lens, b is the distance between the objective lens and the
7 imaging device, and f is the focal length of the objective
8 lens.--

1 --10. (New) A magnifying observation apparatus according to
2 Claim 9, wherein said objective lens is held in a fixed state by
3 an optical system holding cylinder having a roller projection
4 formed on the periphery thereof, said imaging device is held in a
5 fixed state by an imaging device holding cylinder having a roller
6 projection formed on the periphery thereof, both said holding
7 cylinders being held slidably by an intermediate cylinder having
8 a rectilinear guide slot formed on the periphery thereof, said